Claim:

1. An automobile turntable comprising:

a. a center disk;

b. a plurality of petals attached to said center disk, said center disk and said plurality of petals together defining a turntable deck;

c. a plurality of outer rollers attached to said plurality of petals;

d. a track, said plurality of outer rollers rotatably engaging said track and supporting said turntable deck; and

e. a motor adapted to selectably rotate said turntable deck.

2. The turntable of Claim 1 wherein each of said petals has a first radial edge and a second radial edge, each of said first radial edges having a reinforcement, each of said second radial edges not having a reinforcement.

3. The turntable of Claim 2, said reinforcement of said first radial edges comprising each of said petals having a reinforcing flange depending from said first radial edge.

4. The turntable of Claim 3 wherein said first radial edge of each of said petals engages and supports said second radial edge of an adjoining said petal.

5. The turntable of Claim 4 wherein said engagement and support of said second radial edge of said adjoining said petal by said first radial edge comprising

said second radial edge of said adjoining said petal overlapping said first radial edge.

6. The turntable of Claim 5 wherein said attachment between each of said petals and said center disk comprising each of said petals having a center disk flange, each of said center disk flanges being attached to said center disk, each of said center disk flanges being adapted to flex in a vertical direction thereby allowing each of said petals to rotate in a vertical direction over a pre-selected range.

7. The turntable of claim 6 wherein each of said petals is formed from a single piece of a sheet metal.

8. The turntable of Claim 7 wherein each of said petals has a lip portion.

9. The turntable of Claim 8, further comprising:

a. a base;

b. a plurality of pairs of locating bars, each of said locating bars being of fixed length, each of said pairs of locating bars cooperating with said base to form a triangle, said track having a plurality of sections, each of said plurality of sections of said track being attached to at least one of said triangles.

10. The turntable of Claim 9, further comprising: a hydraulic pump, said hydraulic pump having a user-selectable maximum pressure, said motor comprising a hydraulic gear motor connected to and powered by said hydraulic pump, said

hydraulic gear motor being attached to said base and rotatably connected to said center disk.

11. The turntable of Claim 10 wherein said track comprises an upper structural portion rotatably engaging said plurality of outer rollers, said track further comprising a lower resilient portion engaging and supporting said upper structural portion.

12. An automobile turntable comprising:

a. a plurality of arcuate track sections, each of said track sections being joined to two other track sections to form a generally circular track;

b. a plurality of pairs of locating bars;

c. a base, each of said plurality of pairs of locating bars and said base cooperating to define a plurality of triangles, each of said plurality of arcuate track sections being connected to at least one of said triangles.

d. a deck rotatably engaging said track.

13. The turntable of Claim 12 wherein said track is adapted to be supported by a surface, said surface having a contour, each of said plurality of locating bars and each of said track sections being adapted so that each of said track sections conforms generally to said contour of said surface.

14. The turntable of Claim 13 wherein each of said plurality of locating bars is of a fixed length.

15. The turntable of Claim 14 wherein each of said track sections comprises an upper structural portion and a lower resilient portion.

16. The turntable of Claim 15, wherein said deck comprises a plurality of petals, each of said petals rotatably engaging said track, each of said petals being connected to two others of said petals, each of said petals being adapted to move in a vertical direction with respect to each of the two adjoining petals to allow said deck to conform to said track and hence to said contour of said surface.

17. The turntable of Claim 16 wherein each of said petals having an inner end, an outer end, an upper surface, a first radial edge and a second radial edge, said adaptation of each of said petals to move in a vertical direction comprising:

a. each of said petals having a reinforcing flange depending from said upper surface at said first radial edge;

b. said inner end of each of said petals being flexibly attached to said center disk;

c. said second radial edge of each of said petals being generally coplanar with said upper surface and having no reinforcement, said second radial edge overlapping and being supported by said first radial edge of an adjoining said petal.

18. The turntable of Claim 17 wherein the upper surface, first radial edge, second radial edge and reinforcing flange of each of said petals consisting of a single piece of a sheet metal.

19. The turntable of Claim 18, further comprising: a hydraulic gear motor attached to said deck and a hydraulic pump hydraulically connected to said hydraulic gear motor, said hydraulic pump having a user selectable maximum pressure.

20. A turntable comprising:

a. a hydraulic pump having a user-selectable maximum pressure;

b. a hydraulic gear motor hydraulically connected to said hydraulic pump;

c. a deck rotatably connected to said hydraulic gear motor, whereby a user may select a torque applied to said deck by said hydraulic gear motor by selecting said maximum pressure of said hydraulic pump.

21. A turntable comprising:

a. a deck;

b. a roller having a width, said roller rotatably attached to said deck;

c. a track, said track engaging and generally conforming to a surface, said roller rotatably engaging and adapted to apply a load to said track;

d. means for moving said track with respect to said roller so that said width of said roller engages said track thereby preventing premature wear of said track.

22. The turntable of Claim 21 wherein said means for moving said track comprises said track having an upper structural portion and a lower resilient portion, said upper structural portion engaging said roller, said lower resilient

portion engaging said surface, said lower resilient portion being adapted to resiliently deform in response to said load placed on said upper structural portion by said roller thereby distributing a load presented to said track by said roller across said width of said roller.

23. A turntable comprising:

a. a hydraulic pump having a user selectable maximum pressure;

b. a hydraulic gear motor hydraulically connected to said hydraulic pump;

c. a base connected to said hydraulic motor;

d. four pairs of locating bars of fixed length, each of said locating bars being connected to said base and to another of said locating bars, said four pairs of locating bars cooperating with said base to form four triangles;

e. four arcuate track sections, each of said arcuate track sections connecting to at least one said triangle, said four arcuate track sections forming in combination a circular track;

f. a center disk operatively connected to said hydraulic gear motor and adapted to rotate with respect to said base;

g. in inner roller frame connected to said base;

h. eight inner rollers rotatably connected to said inner roller frame and supporting said center disk;

i. sixteen petals connected to said center disk, said sixteen petal each having an upper surface, a first radial edge and a second radial edge, said first

radial edge having a reinforcing flange, said second radial edge being generally coplanar with said upper surface and having no reinforcement, said second radial edge of said petal overlapping and being supported by said first radial edge of an adjacent said petal, each said petal having a lip portion;

j. sixteen outer rollers, each said outer roller being mounted to one of said petals at a location adjacent to said reinforcing flange, said outer rollers being supported by said track.